

**IMPLEMENTATION OF WEBSITE BASED LEARNING MEDIA USING
A SCRAMBLE TYPE COOPERATIVE LEARNING MODEL TO
INCREASE STUDENTS' ACHIEVEMENT
ON REDOX REACTION**

Santun R Tumanggor (ID Number : 4153332021)

ABSTRACT

The aim of the implementation of the website based learning media using a scramble type cooperative learning model on redox reaction is to know the student's achievement in SMA Negeri 1 Tebing Tinggi. The students were divided into two groups. First was a controlled class in X IPA VIII and the second was experiment class in X IPA VI based on purposive random sampling techniques. The first time, a pre-test will be given in control and experiment class then giving the treatment. In the control class without website media was used using a scramble type cooperative learning model and in the experiment, the class was used website media with using a scramble type cooperative learning model. The last treatment was by giving a post-test. Based on the result in the control class was obtained the average of pre-test scores 30.66 and post-test score 61.33. In the experiment, the class has obtained the average of pre-test scores 37.16 and post-test score 68.83. The data should be normal and homogeny. The hypothesis test should be used right side t-test. The criterion of the hypothesis was received H_a if the value of $t_{count} > t_{table}$. From the result was obtained the value of t_{count} was 2.907. It means that $t_{count} (2,907) > t_{table} (2,000)$. Hypothesis alternative (H_a) was received and hypothesis null (H_o) was rejected. It proved that student's achievement using website media with using a scramble type cooperative learning model was higher than using a scramble type cooperative learning model. Increasing the student's achievement was calculated by using the percentage gain in the control class was 44% and the experiment class was 50%.

Keywords: Website learning media, cooperative learning model, students' achievement, redox reaction.